



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Douglas W. Pocius; Michael D. Camras; Gloria E. Hofler
Assignee: Lumileds Lighting U.S. LLC
Title: Forming An Optical Element On The Surface Of A Light Emitting Device For Improved Light Extraction
Serial No.: 09/823,841 Filing Date: March 30, 2001
Examiner: Alessandro V. Amari Group Art Unit: 2872
Docket No.: M-9728 US
(LUM-M-9728 US)

San Jose, California
May 17, 2004

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

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UNDER CFR § 1.97(c) WITH FEE**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying PTO Form-1449 are called to the attention of the Examiner for the above patent application. Copies of these documents are enclosed.

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention; 05/20/2004 JADDO1 00000021 502226 09823841
02 FC:1806 180.00 DA
2. a representation that a search has been made; or
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Patent Law Group LLP

2635 North First St.
Suite 223
San Jose, CA 95134
(408) 382-0480
FAX (408) 382-0481

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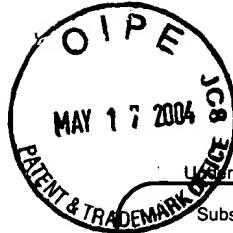
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Respectfully submitted,



Rachel V. Leiterman
Attorney for Applicants
Reg. No. 46,868

Patent Law Group LLP
2635 North First St.
Suite 223
San Jose, CA 95134
(408) 382-0480
FAX (408) 382-0481



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Sheet 1 of 14

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Application Number	09/823,841
Filing Date	March 30, 2001
First Named Inventor	Douglas W. Pocius
Art Unit	2872
Examiner Name	Alessandro V. Amari
Attorney Docket Number	M-9728 US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,769,536	10-30-1973	Antypas et al.	
		US- 5,502,316	03-26-1996	Kish et al.	
		US- 5,376,580	12-27-1994	Kish et al.	
		US- 5,661,316	8-26-1997	Kish et al.	
		US- 5,779,924	7-14-1998	Krames et al.	
		US- 5,793,062	8-11-1998	Kish Jr., et al.	
		US- 6,015719	1-18-2000	Kish Jr., et al.	
		US- 5,837,561	11-17-1998	Kish Jr., et al.	
		US- 5,724,376	03-03-1998	Kish Jr., et al.	
		US- 5,698,452	12-16-1997	Goossen	
		US- 5,553,089	09-03-1996	Seki et al.	
		US- 4,675,058	06-23-1987	Plaster	
		US- 5,255,171	10-19-1993	Clark	
		US- 6,429,462	08-06-2002	Shveykin	
		US- 6,483,196	11-19-2002	Wojnarowski et al.	
		US- 6,412,971	07-02-2002	Wojnarowski et al.	
		US- 6,495,862	12-17-2002	Okazaki et al.	
		US- 6,091,020	07-18-2000	Fairbanks et al.	
		US- 5,898,185	04-27-1999	Bojarczuk, Jr. et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 0926744 ✓	06-30-1999	Hewlett-Packard		
		JP 09167515 ✓	06-24-1997	Hewlett-Packard		
		JP 09153645 ✓	06-10-1997	Toyoda Gosei Co		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 4

Complete if Known	
Application Number	09/823,841
Filing Date	March 30, 2001
First Named Inventor	Douglas W. Pocius
Art Unit	2872
Examiner Name	Alessandro V. Amari
Attorney Docket Number	M-9728 US

U. S. PATENT DOCUMENTS

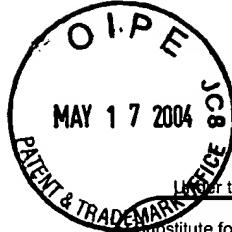
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		Examiner Name	Alessandro V. Amari
Sheet 4	of 4	Attorney Docket Number	M-9728 US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Bulk Measurement", Sairon Technology, Inc., pp. 1-3.	
		THOMAS R. ANTHONY, "Dielectric isolation of silicon by anodic bonding", J. Appl. Phys. Vol. 58, No. 3, 1 August 1985, pp. 1240-1247.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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NON PATENT LITERATURE DOCUMENTS

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		Chui et al., "High-Efficiency AlGaInP Light-Emitting Diodes", Semiconductor And Semimetals, Vol. 64, Chapter 2, pp. 49-128.	
		Babi et al., "Room-Temperature Continuous-Wave Operation of 1.54-μm Vertical-Cavity Lasers", IEEE Photonics Technology Letters, Vol. 7, No. 11, November 1995, pp. 1225-1227.	
		Chua et al., "Dielectrically-Bonded Long Wavelength Vertical Cavity Laser on GaAs Substrates Using Strain-Compensated Multiple Quantum Wells", IEEE Photonics Technology Letters, Vol. 6, No. 12, December 1994, pp.1400-1402.	
		Fischer et al., "Highly Refractive Glasses to Improve Electroluminescent Diode Efficiencies", Journal of the Electrochemical Society: SOLID STATE SCIENCE, December 1969, pp. 1718-1722.	
		Carr, "Photometric Figures of Merit for Semiconductor Luminescent Sources Operating in Spontaneous Mode", Infrared Physics, 1966, Vol. 6, pp. 1-19.	
		Mary T. Strzelecki et al., "Low Temperature Bonding of Glasses and Glass Ceramics", 8 pages.	
		Robert D. Simpson et al., "Hybrid Glass Structures For Telecommunication Applications", 8 pages.	
		Joseph S. Hayden, "Passive and Active Characterization of Hybrid Glass Substrates for Telecommunication Applications, 8 pages.	
		J.W. OSENBACH, et al., "Low Cost/High Volume Laser Modules Using Silicon Optical Bench Technology, 1998 Electronic Components and Technology Conference, pp. 581-587.	
		"Aluminum Oxide, Al ₂ O ₃ For Optical Coating, , CERAC, Inc. Technical Publications, pp. 1-4.	

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